

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10555-025001	Application No. 10/024,649
	Applicants Youqi Wang, Marco Falcioni, Stephen J. Turner and C. Eric Ramberg		
	Filing Date December 17, 2001	Group Art Unit 2121	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Sub-class	Filing Date If Appropriate
C.R.	AA	5,759,779	6/2/98	Dehlinger	435	436	
C.R.	AB	5,763,263	6/9/98	Dehlinger	435	287	
C.R.	AC	6,044,212	*3/28/00	Flavin et al.	395	500.27	
C.R.	AD	US 6,175,816 B1	*1/16/01	Flavin et al.	703	13	

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
C.R.	AE	WO 99/59722	11/25/99	PCT	B01L 3/00			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
C.R.	AF	James N. Cawse, Ph.D., "Experimental Strategies for Combinatorial and High-Throughput Materials Development", Accounts of Chemical Research, 2001, vol. 34, no. 3, pp. 213-221
C.R.	AG	L. A. Corkan et al., "Application of an Automated Chemistry Workstation to Problems in Synthetic Chemistry", Chemometrics and Intelligent Laboratory Systems: Lab. Info. Mgmt., 1992, vol. 17, pp. 95-105.
C.R.	AH	L. A. Corkan and J. S. Lindsey, "Design Concepts for Synthetic Chemistry Workstations", Advances in Laboratory Automation Robotics, 1990, vol. 6, pp. 447-497.
C.R.	AI	L. A. Corkan and J. S. Lindsey, "Experiment Manager Software for an Automated Chemistry Workstation, Including a Scheduler for Parallel Experimentation", Chemometrics and Intelligent Laboratory Systems; Lab. Info. Mgmt., 1992, vol. 17, pp. 47-47.
C.R.	AJ	M. W. Deem, "A Statistical Mechanical Approach to Combinatorial Chemistry", Advances in Chemical Engineering 28, Academic Press, 2001, pp. 81-121
C.R.	AK	M. Falcioni and M. W. Deem, "Library Design in Combinatorial Chemistry by Monte Carlo Methods", Phys. Rev. E 61, 2000, pp. 5948-5952
C.R.	AL	S. P.A. Foder, J. Leighton Red, M. C. Pirrung, L. Stryer, A. T. Lu, D. Solas, "Light-directed, spatially addressable parallel chemical synthesis", Science, (1991) Vol. 251, pp. 767-773
C.R.	AM	R. A. Houghten "Parallel array and mixture-based synthetic combinatorial chemistry: tools for the next millennium", Annu. Rev. Pharmacol. Toxicol. (2000) Vol. 40, pp. 273-82
C.R.	AN	H. Koinuma, T. Koida, T. Ohnishi, D. Komiyama, M. Lippmaa, M. Kawasaki, "Parallel fabrication of artificially designed superlattices by combinatorial laser MBE", Appl. Phys. A 69 Supp., (1999) S29-S31
C.R.	AO	J. S. Lindsey, "Automated Workstations for Chemical Synthesis in Japan: A New Paradigm for Pharmaceutical Research", Am. Lab., 1993, pp. 17, 18, 20.
C.R.	AP	J. S. Lindsey, "A Retrospective on the Automation of Laboratory Synthetic Chemistry", Chemometrics and Intelligent Laboratory Systems: Lab. Inf. Mgmt., 1992, vol. 17, pp. 15-45.
Examiner Signature <u>George Davis</u>		Date Considered <u>12/12/04</u>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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Other Documents (include Author, Title, Date, and Place of Publication)

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G.P.	AQ	J. S. Lindsey and L. A. Corkan, "Toward High-Performance Parallel Experimentation Machines: Use of a Scheduler as a Quantitative Computer-Aided Design Tool for Evaluating Workstation Performance", Chemometrics and Intelligent Laboratory Systems: Lab. Info. Mgmt., 1993, vol. 21, pp. 139-150.
G.P.	AR	A. M. Thayer, "Bioinformatics for the Masses", Business, 2000, vol. 78, no. 6, CENEAR 78, pp. 19-32
G.P.	AS	SAS Institute, "JMP Statistical Discovery Software: Design of Experiments", 2000, Version 4
G.P.	AT	B. Yan, L. Liu, C. A. Astor and Q. Tang, "Determination of the absolute amount of resin-bound hydroxyl or carboxyl groups for the optimization of solid-phase combinatorial and parallel organic synthesis", Anal. Chem. (1999) vol. 71, pp. 4564-4571

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Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10555-025001	Application No. 10/024,669
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Wang et al.	
		Filing Date December 17, 2001	Group Art Unit 2801 2121

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
6-9	AA	5,331,573	7/19/94	Balaji et al.	364/500		
6-9	AB	5,386,507	1/31/95	Teig et al.	395/161		
6-9	AC	5,434,796	7/10/95	Weininger	364/496		
6-9	AD	5,526,281	6/11/96	Chapman et al.	364/496		
6-9	AE	5,854,992	12/29/98	Shakhnovich et al.	702/27		
6-9	AF	5,862,514	1/19/99	Huse et al.	702/22		
6-9	AG	5,914,891	6/22/99	McAdams et al.	364/578		
6-9	AH	5,930,154	7/27/99	Thalhammer-Reyero	364/578		
6-9	AI	5,980,096	11/9/99	Thalhammer-Reyero	364/578		
6-9	AJ	6,081,766	6/27/00	Chapman et al.	702/27		
6-9	AK	6,144,897	11/7/00	Selliers	700/269		
6-9	AL	6,188,965 B1	2/13/01	Mayo et al.	702/27		

Foreign Patent Documents or Published Foreign Patent Applications

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							Yes	No
	AM							
	AN							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AO	

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U.S. Patent Documents

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G.D.	AA	5,143,854	9/1/92	Pirrung et al.			
C.D.	AB	5,571,639	11/5/96	Hubbell et al.			
	AC						

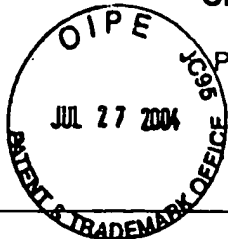
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C.D.	AD	WO 96/11878	25 April 1996	PCT				
	AE							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
C.D.	AF	Manfred Baerns, et al. "Chemical Reaction Technology", 1987, Georg Thieme Verlag, Stuttgart and New York, Textbook of Technical Chemistry, Vol. 1.
C.D.	AG	J.J. Hanak, "The "Multiple-Sample Concept" in Materials Research: Synthesis, Compositional Analysis and Testing of Entire Multicomponent Systems", © 1970 Chapman and Hall Ltd., pp. 964-971.
C.D.	AH	Eric W. McFarland and W. Henry Weinberg, "Approaches for Rapid Materials Discovery Using Combinatorial Methods", 1998, Mat. Tech. Vol. 13.3, pp. 107-120.
C.D.	AI	MODDE 4.0, "Graphical Software for Design of Experiments", © 1992-1997 Umetri AB, pp. 1-1 to 14-2.
C.D.	AJ	Statistica Vol. IV: Industrial Statistics, Copyright © StatSoft, 1995, pp. 4177-4473.
C.D.	AK	Peter G. Schultz and Xiao-Dong Xiang, "Combinatorial approaches to materials science", 1998, © Current Chemistry ISSN 1359-0286, pp. 153-158.
C.D.	AL	Linda C. Hsieh-Wilson, et al., "Lessons from the Immune System: From Catalysis to Materials Science", © 1996 American Chemical Society, Vol. 29, pp. 164-170.
C.D.	AM	X.D. Xiang et al., "A Combinatorial Approach to Materials Discovery", 23 June 1995, Science, Vol. 268, pp. 1738-1740.
C.D.	AN	X.-D. Xiang and P.G. Schultz, "The Combinatorial Synthesis and Evaluation of Functional Materials", 1997 Physica C, Vol. 282, pp. 428-430.
C.D.	AO	Earl Danielson, et al., "A combinatorial approach to the discovery and optimization of luminescent materials", 30 October 1997, Nature, Vol. 389, No. 30, pp. 944-948.
C.D.	AP	Xiao-Dong Sun, "Solution-Phase Synthesis of Luminescent Materials Libraries", 1997, Advanced Materials, Vol. 9, pp. 1046-1049.
	AQ	

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SUPPLEMENTAL INFORMATION DISCLOSURE CITATION  PTO-1449		ATTORNEY'S DOCKET NO.: 2000-100R1		APPLICATION NO.: 10/024,649			
		APPLICANT: Wang et al.					
		FILING DATE: December 17, 2001		GROUP: 2801 2121			
US PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
6.9	4,368,509	1/11/83	Li	364	148	6/22/81	
6.8	4,472,770	9/18/84	Li	364	148	9/29/82	
6.9	4,710,864	12/1/87	Li	364	148	9/19/84	
6.8	6,618,852	9/9/03	Van Eikeren et al.	717	108	9/13/99	
FOREIGN DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUB CLASS	TRANSLATION Yes No	
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages Etc.)							
EXAMINER:	George Davis			DATE CONSIDERED: 12/12/04			

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